

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Edward E. LIPSCOMB et al.)
Serial No.: New U.S. Patent Application) Art Unit: 2834
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4/17
8/22/02
M. Bridges

For: OSCILLOSCOPE MODULE FOR PORTABLE ELECTRONIC DEVICE

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace paragraphs [0031], [0031]³², [0032]³³, [0034] and [0044] as follows:

Sub B3
[0031] Returning to FIG. 1, the portable electronic device preferably includes a hardware interface port 4 such as a 120-pin or 120-receptacle connector to provide an interface between the plug-in module and the electronic device. The adapter module 2 mates with the hardware interface port 6 of the electronic device via a hardware interface connector that is included with the adapter module. The adapter module 2 and/or the device 5 preferably includes a means to secure the module 2 to the device 5. For example, FIG. 1 illustrates that one or more latches 7 may be provided to secure the module 2 to the electronic device 5 during normal operation.

A'
Sub B3
[0032] The electronic device illustrated in FIG. 1 is a portable engine analyzer, such as that which may be used to measure and analyze various aspects of the operation of a vehicle. However, the electronic device may in fact be any type of analyzer or other type of portable electronic or computing device such as a pocket PC or a personal digital assistant, a remote control, an electronic game, or any other portable electronic device. In the embodiment of an engine analyzer, the analyzer may serve to collect and analyze multiple aspects of an engine or